



*How can I reach
these buttons?*

everybody

With our PES/PSS+USB Power System
gets a great experience!

{ The **PES/PSS+USB** Power System

Inflight Canada's Passenger Entertainment and Passenger Services System has the patent protected and unique feature of PCU embedded USB Power at each passenger place.

This **PES/PSS+USB Power System** is economical, adaptable and scalable to any aircraft type as well as any airline specific configuration and will interface with any aircraft and any IFE system. With the **PES/PSS+USB Power System**, Customer Airlines will now be able to resolve problems with existing, aging, obsolete and inflexible **PES/PSS and CSS** systems, eliminate increasingly frequent failures of these old systems, reduce weight and all aircraft types can use the same interchangeable system components.

The following information will explain how this **Inflight Canada PES/PSS and USB Power System** will save costs, reduce spares, maintenance time and best of all **enhance the passenger experience!**

{ The **IFC PES/PSS+USB** Power System is designed to fit into any aircraft type or model and is small enough to fit into any seat type or model.

The **PES/PSS+USB Power System** is a direct replacement for any **B767** PES/PSS system and directly interfaces with any **B747, B777** and **B787** CSS system and any **A330/A340** CIDS system and all with the patented and unique feature of **USB** Power at each PCU.

The system is scalable from **B787/B777/B767, A330/A340** down to **B737/B757, the A320** family, the **A220 type of aircraft** and all **regional jets** using the same part numbers.

Certified, and operational on **767s, 777s, & A330s.**



A320



A330/A340



B737



B767 / 757



B777



B787



A220



Regional Jets



Our
PES/PSS+USB
Power System
can be installed
on any of
these aircraft



PES/PSS+USB Power System



Patent Protected

The **PES/PSS+USB** Power System

PRODUCT DESCRIPTION

PES = Passenger Entertainment System, (audio channel and volume selection at the seat PCU).

PSS = Passenger Service System, (Reading and Cabin Crew Call Light/Chime at the seat PCU).

USB = USB = 2.1AMPs USB Power embedded into the PCU or as a stand-alone USB Power Port.

The PCU can be arranged with any combination or any single feature.

The Customer Airline may select any one of or any combination of these features depending on what it wants to offer its passengers and if the target aircraft are twin aisle or single aisle. The “Passenger Experience” consists largely of the features that are contained on the “Passenger Control Unit,” or PCU. The main features of the PCU are:

- The USB charging port @ 2.1AMPs

- The audio channel indicator

- The audio volume control

- The audio channel selector

- The flight attendant call button

- The flight attendant reset button

- The overhead reading lamp control button

- Key Pad Backlight

- Maintenance indicators



{ The PES/PSS+USB Power System

The main features of the PCU are (i) the USB charging port, (ii) the Flight Attendant call button, (iii) the Flight Attendant call reset button, (iv) the Reading Light control button (v) the Audio controls, (vi) the key pad back-light, (vii) intuitive maintenance procedures.

When a passenger activates the PCU the key pad illuminates providing positive guidance. A passenger might desire to call the flight attendant. When the flight attendant call request is activated, the seat call lamp is activated above the seat group. In addition, the PCU enters a call active state in which the back-light gently pulses to provide positive feedback and indicates to the flight attendant which passenger in the seat group initiated the request. When the call request is activated by a passenger seated in a middle or window seat, the Flight Attendant can locally reset the request from the aisle seat of the group to avoid unnecessary disturbance of intervening passengers.

In addition to the necessary functions of flight attendant call, call reset and overhead reading light, the PCU also supplies a convenient and powerful 2.1AMPs USB Power charging port for personal electronic devices such as iPads, mobile phones and other USB compatible devices. The PSS system is controlled by the cabin crew from the Flight Attendant Control Panel typically located at Door L1. The control panel also activates the BITE system.



*Better Passenger Control
and USB Power*



PES/PSS



PES/PSS
+ USB

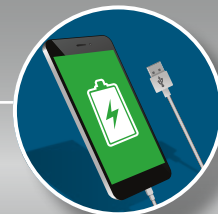


PSS

PSS
+ USB



Be ready and let them enjoy their travel experience
even more!





Audio MUX

P/N IFC-5034-001. 2MCU, 24 channels stereo or mono audio entertainment, 8 channels stereo or mono video-audio multiple language plus stowage capacity for BGM/ Safety Announcements.



PLCU

PAX Lighting Control Unit, P/N IFC-5026-001. Fits into any B767 PSU Panel, operates up to 4ea. Reading Lights, either incandescent or new LED. "Applicable to B767 only"



CICU

Column Integration Controller Unit, P/N IFC-5027-002. Integrates columns on B767 or A330 CIDS/ECIDS and B777 CSS systems.



SJB

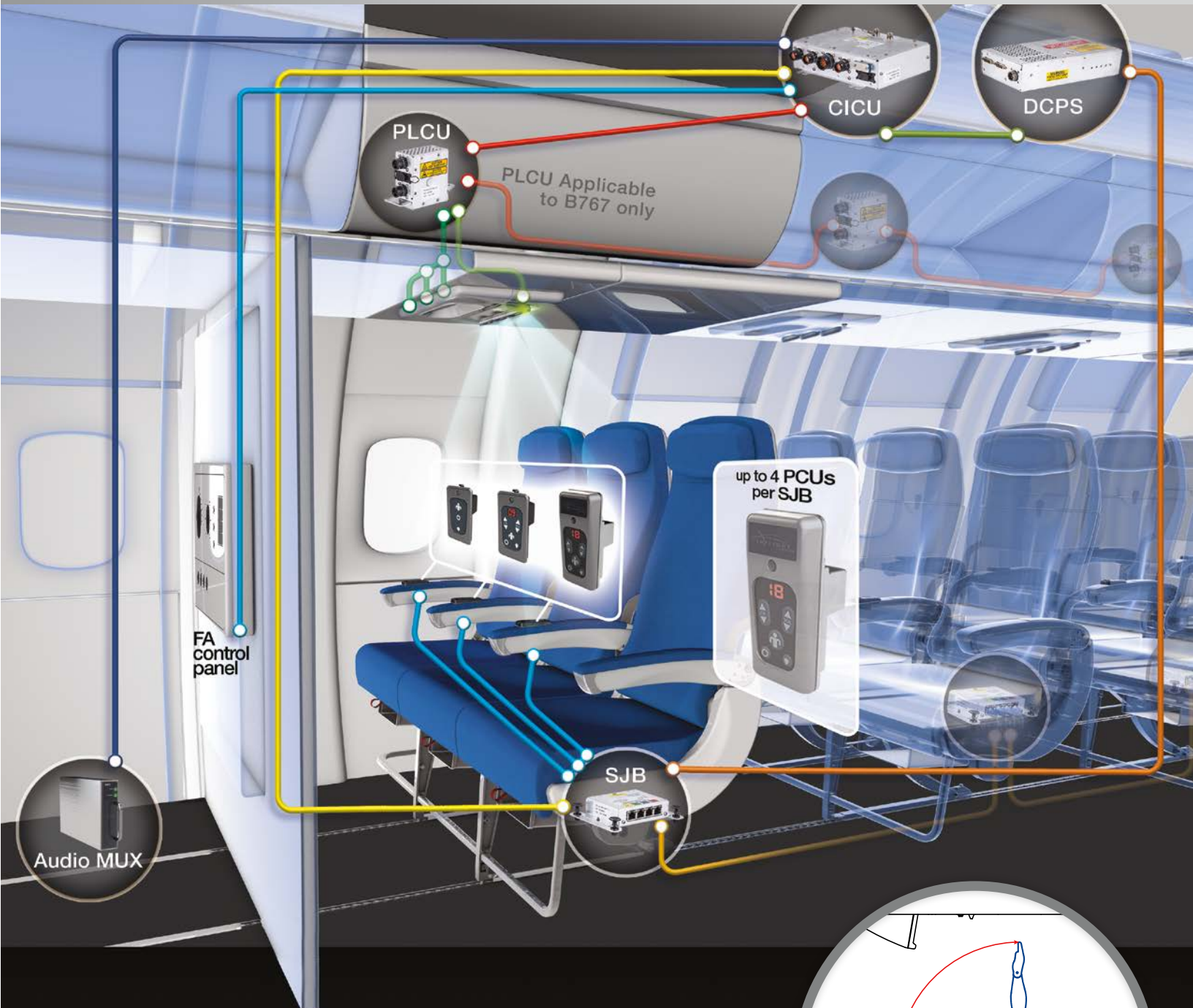
Seat Junction Box, P/N IFC-5031-001. Fits any seat assy, provides PES, PSS and +USB features up to 4 PCUs. Less than 0.35 lbs/16 kg



DCPS

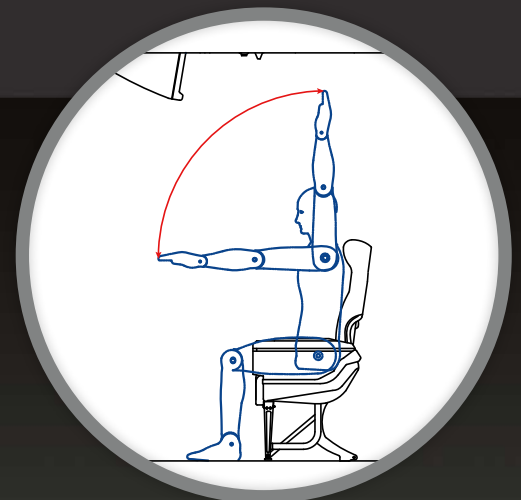
DC Power Supply, P/N IFC-5030-001/-002. Converts aircraft 110vac @ 400hz to 28vdc.

The IFC PES/PSS+USB Power System on a typical Widebody Aircraft



95% Male/Female profile
CAN NOT REACH
the PSU panels

in the center seats on a Airbus A330



Also available, the solution to get power !

The Inflight Canada 2.1 AMPs USB power Type A and USB Type C up to 60w of continuous power

System Components:

- Remote Power Module (RPM) – seat or sidewall mounted
- Remote USB Power Port (RUP). Very Easily Installed/Replaced/Removed and is available in Single, Dual and Combination Models
- Seat Cables with In-Line Disconnect
- Complete Seat and Airframe Installation Kit



SINGLE A



DOUBLE A



COMBO A & C

System Features:

- 2.1 AMPs on-demand USB-A Power
- Up to 60w on-demand USB-C Power
- No MCU/CLCU required
- Customizable Faceplate (Color & Logo)
- Lowest Material Cost Possible
- “Power Available” LED light at each USB Port

Includes Important Safety Features:

- Over-Current Protection
- Thermal Shut-Down
- Short-Circuit Protection

